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MISSION COVERAGE STATISTICS

KH-4 MISSION 1105-1

4-11 NOVEMBER 1968

NOVEMBER 1968

COPY 33

15 PAGES

25X1



25X1

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INTRODUCTION

This publication provides preliminary coverage statistics, Greenwich Mean Time of passes, correlation of photographic coverage with WAC chart areas, coverage plots, and preliminary data for Mission 1105-1, dated 4-11 November 1968 (GMT).

Plot sheets are arranged by geographic areas as indicated by the index tabs. Coverage of the Eurasian land mass is divided into days to eliminate illegible overprinting.

Plots for the forward and aft cameras are portrayed as stereoscopic and/or monoscopic passes. Stereo passes will be shown with the forward-looking camera frame numbers inside the pass outline and the corresponding aft-looking camera frame numbers outside the pass outline. In the event of monoscopic coverage, only the frame numbers of the operative camera will appear. The relative location of photographs falling between the numbered frames may be approximated by interpolation.

All frames are indicated on the plot sheets, regardless of water coverage, total cloud cover, or a complete lack of imagery.

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## PRELIMINARY COVERAGE STATISTICS

Mission Number: 1105-1

Launch Date/Time (GMT): 3 November 1968/2131

Photo Dates (GMT): 4-11 November 1968

Recovery Date/Time (GMT): 11 November 1968/2359

Operational Photo Passes: 50

Operational Altitude Limits: 83-109 nautical miles

Photo Scale Range: 1:252,320 - 1:331,360

Operational Ground Coverage (Fwd and Aft):

- a. Linear nautical miles 75,400
- b. Square nautical miles 9,048,000

Frames:

- a. Operational

Fwd-looking 4,211  
Aft-looking 4,214

- b. Stellar 0

- c. Index 0

Operational Imagery Footage (Fwd and Aft): 20,869

## GREENWICH MEAN TIME

These times are derived from preliminary data and cannot be verified at this time. They are carried to the nearest whole minute.

## MISSION 1105-1

PASS	DATE	CAM ON		CAM OFF	
		HR	MIN	HR	MIN
5D	4 November 68	04	57	04	58
6D	4 November 68	06	28	06	29
7D (Part 1)	4 November 68	07	56	07	58
7D (Part 2)	4 November 68	07	59	08	00
8D (Part 1)	4 November 68	09	23	09	24
8D (Part 2)	4 November 68	09	24	09	27
9D	4 November 68	10	55	10	56
21D	5 November 68	04	37	04	38
22D	5 November 68	06	10	06	12
23D (Part 1)	5 November 68	07	31	07	32
23D (Part 2)	5 November 68	07	34	07	35
23D (Part 3)	5 November 68	07	37	07	39
23D (Part 4)	5 November 68	07	41	07	42
25D (Part 1)	5 November 68	10	34	10	35
25D (Part 2)	5 November 68	10	36	10	38
36D	6 November 68	02	45	02	46
38D	6 November 68	05	48	05	52
39D	6 November 68	07	14	07	22
40D	6 November 68	08	45	08	46
41D (Part 1)	6 November 68	10	13	10	14
41D (Part 2)	6 November 68	10	16	10	19
42D	6 November 68	11	51	11	53
51D	7 November 68	00	58	00	59
52D	7 November 68	02	26	02	27
53D	7 November 68	03	56	04	01
54D (Part 1)	7 November 68	05	23	05	26
54D (Part 2)	7 November 68	05	29	05	35
55D	7 November 68	06	56	06	57
57D (Part 1)	7 November 68	09	51	09	52
57D (Part 2)	7 November 68	09	54	09	57
58D	7 November 68	11	30	11	33
69D (Part 1)	8 November 68	03	36	03	37
69D (Part 2)	8 November 68	03	40	03	42
70D (Part 1)	8 November 68	05	06	05	07
70D (Part 2)	8 November 68	05	08	05	09
70D (Part 3)	8 November 68	05	13	05	15
71D	8 November 68	06	38	06	43
72D	8 November 68	08	08	08	09
73D	8 November 68	09	33	09	34
74D	8 November 68	11	11	11	15
75D	8 November 68	12	39	12	40
83D	9 November 68	00	19	00	20
85D	9 November 68	03	18	03	20
86D (Part 1)	9 November 68	04	49	04	49
86D (Part 2)	9 November 68	04	51	04	56
88D	9 November 68	07	47	07	48
89D	9 November 68	09	15	09	16
90D	9 November 68	10	49	10	51
101D	10 November 68	02	56	02	57
102D	10 November 68	04	29	04	33
103D	10 November 68	06	02	06	03
104D	10 November 68	07	28	07	28
105D	10 November 68	08	57	08	58
106D	10 November 68	10	29	10	35

## MISSION 1105-1 (Continued)

PASS	DATE	CAM ON		CAM OFF	
		HR	MIN	HR	MIN
115D	10 November 68	23	40	23	40
116D	11 November 68	01	09	01	10
117D	11 November 68	02	40	02	41
118D	11 November 68	04	09	04	13
119D	11 November 68	05	40	05	43
120D (Part 1)	11 November 68	07	05	07	07
120D (Part 2)	11 November 68	07	09	07	11
122D	11 November 68	10	09	10	14
123D	11 November 68	11	55	11	55
127D	11 November 68	17	50	17	51

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 SOUTH AMERICA

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## PRELIMINARY MISSION DATA

1. Mission: 1105-1
2. Anomalies: No major malfunctions occurred during the mission.
3. Vehicle Attitude: Appears normal throughout the mission.
4. Image Quality:
  - a. Main Cameras: The photography from both main cameras of this mission is degraded in varying degrees by an apparent film movement during exposure. The result of this movement is depicted by a slight overall out-of-focus condition and multidirectional image smear.
  - b. No stellar or index cameras were employed on this mission.
5. Special Tests: No tests were accomplished during this portion of the mission; however, both main camera records were processed using dual gamma chemistry.
6. Approximately 20 percent of the entire mission is obscured by clouds.

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